

Diluent Universal 2



REF 05192943 190

2 x 36 mL

For USA: Elecsys Diluent Universal 2

English

Intended use

Diluent Universal 2 is used as a sample diluent in conjunction with Elecsys assay reagents.

Summary

Dilution of samples is necessary when the analyte concentrations exceed the measuring range of the respective Elecsys test method. In addition, general predilution of samples is specified for some Elecsys assays.

Assay	REF	Elecsys 2010, cobas e 411	MODULAR ANALYTICS E170	cobas e 601, cobas e 602
AMH	06331076	•	•	•
hGH	05390125	•	•	•
Cortisol II	06687733	• cobas e 411 analyzer only	•	•
Elecsys AMH Plus	07957190	• cobas e 411 analyzer only	•	•

- Autodilution possible

Reagents - working solutions

Diluent Universal 2 is labeled as Dil. Uni. 2.

2 bottles each containing 36 mL

Contents: Protein matrix; preservative ≤ 0.1 %

Precautions and warnings

For in vitro diagnostic use.

Exercise the normal precautions required for handling all laboratory reagents.

Disposal of all waste material should be in accordance with local guidelines. Safety data sheet available for professional user on request.

For USA: For prescription use only.

Avoid foam formation in all reagents and sample types (specimens, calibrators and controls).

Reagent handling

Diluent Universal 2 is ready for use.

Bring the cooled diluent to approximately 20 °C and place on the reagent disk of the analyzer.

Opening and closing of the bottle is performed automatically by the analyzer.

Storage and stability

Store at 2-8 °C.

Stability:	
unopened at 2-8 °C	up to the stated expiration date
on the analyzers at 20-25 °C	12 weeks

Materials provided

- Diluent Universal 2

Materials required (but not provided)

- Elecsys 2010, MODULAR ANALYTICS E170 or cobas e immunoassay analyzers and assay reagents

See the appropriate assay Method Sheet and the operator's manual for additionally required material.

Assay

For general predilution and for analyte concentrations above the measuring range, see dilution recommendation in the respective Elecsys Method Sheet.

Dilutions can be performed either manually by the operator or, if requested, automatically by the analyzers via the instruments' software.

Elecsys test results

The analyte content of the diluent is in the vicinity of the lower detection limit for the Elecsys assays and can be ignored.

For manual dilutions, the measured concentration must be multiplied by the dilution factor to obtain the actual value in the sample. When dilution is performed by the analyzer, this factor is automatically included in the calculation of the sample concentration.

The concentration in the diluted sample may not be less than the stated minimum concentration in the respective Elecsys assay.

For further information, please refer to the appropriate operator's manual for the analyzer concerned, the respective application sheets, the product information and the Method Sheets of all necessary components (if available in your country).

A point (period/stop) is always used in this Method Sheet as the decimal separator to mark the border between the integral and the fractional parts of a decimal numeral. Separators for thousands are not used.

Symbols

Roche Diagnostics uses the following symbols and signs in addition to those listed in the ISO 15223-1 standard:

CONTENT	Contents of kit
SYSTEM	Analyzers/Instruments on which reagents can be used
REAGENT	Reagent
CALIBRATOR	Calibrator
→	Volume after reconstitution or mixing
GTIN	Global Trade Item Number

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